

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
At: Atkins-----	5W	Slight	Severe	Severe	Moderate	Severe	American sycamore----- blackgum----- pin oak----- red maple----- river birch-----	--- --- 100 --- ---	--- --- 72.00 --- ---	---
BeC: Buchanan-----	4X	Slight	Moderate	Slight	Slight	Severe	northern red oak---- yellow-poplar-----	80 90	57.00 86.00	---
Ernest-----	4X	Moderate	Severe	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
-----	---	---	---	---	---	---	---	---	---	---
BeD: Buchanan-----	4X	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- yellow-poplar-----	80 90	57.00 86.00	---
Ernest-----	4X	Severe	Severe	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
Ch: Chavies-----	4A	Slight	Slight	Slight	Slight	Moderate	black walnut----- northern red oak---- sugar maple----- yellow-poplar-----	--- 80 --- 90	--- 57.00 --- 86.00	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
DaC: Dekalb-----	4F	Slight	Slight	Moderate	Slight	---	black cherry----- northern red oak---- white ash-----	88 70 80	57.00 57.00 100.00	---
DaD: Dekalb-----	4F	Slight	Moderate	Moderate	Slight	---	black cherry----- northern red oak---- yellow-poplar-----	95 76 93	57.00 57.00 100.00	---
DaE: Dekalb-----	4F	Slight	Moderate	Moderate	Slight	---	black cherry----- northern red oak---- yellow-poplar-----	95 76 93	57.00 57.00 100.00	---
DaF: Dekalb-----	4R	Moderate	Severe	Moderate	Slight	---	black cherry----- northern red oak---- yellow-poplar-----	95 76 93	57.00 57.00 100.00	---
DmC: Dekalb-----	4X	Slight	Moderate	Moderate	Slight	---	black cherry----- northern red oak---- white ash-----	88 70 80	57.00 57.00 100.00	---

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
DmE: Dekalb-----	4X	Slight	Moderate	Moderate	Moderate	---	black cherry----- northern red oak---- yellow-poplar-----	95 76 93	57.00 57.00 100.00	---
DmF: Dekalb-----	4R	Moderate	Severe	Moderate	Moderate	---	black cherry----- northern red oak---- yellow-poplar-----	95 76 93	57.00 57.00 100.00	---
EnB: Ernest-----	4W	Slight	Moderate	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
EnC: Ernest-----	4W	Moderate	Moderate	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
EnD: Ernest-----	4W	Severe	Moderate	Slight	Slight	Severe	black cherry----- black walnut----- northern red oak---- sugar maple----- white ash----- yellow-poplar-----	80 --- 80 80 80 89	57.00 --- 57.00 57.00 57.00 86.00	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
Fu: Fluvaquents-----	---	---	---	---	---	---	---	---	---	---
Udifluvents-----	---	---	---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
Atkins-----	---	---	---	---	---	---	---	---	---	---
GaB: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- red maple----- white oak----- yellow-poplar-----	80 --- --- 95	57.00 --- --- 100.00	---
GaC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- red maple----- white oak----- yellow-poplar-----	80 --- --- 95	57.00 --- --- 100.00	---
GaD: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- red maple----- white oak----- yellow-poplar-----	80 --- --- 95	57.00 --- --- 100.00	---
GbC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- red maple----- white oak-----	80 --- ---	57.00 --- ---	---

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi-nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
							yellow-poplar-----	95	cu ft/ac 100.00	
GbD: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
GbE: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
GbF: Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
GcC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
GcE: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
GcF: Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
GdE: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
Dekalb-----	4F	Slight	Moderate	Moderate	Slight	---	black cherry-----	95	57.00	---
							northern red oak----	76	57.00	
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	57.00	
Other soils-----	---	---	---	---	---	---	---	---	---	---
GdF: Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
Dekalb-----	4R	Moderate	Severe	Moderate	Slight	---	black cherry-----	95	57.00	---
							northern red oak----	76	57.00	
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	93	100.00	
Other soils-----	---	---	---	---	---	---	---	---	---	---
GkC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak----	80	57.00	---
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
Dekalb-----	4F	Slight	Slight	Moderate	Slight	---	black cherry----- northern red oak---- red maple----- white ash----- white oak-----	88 70 --- 80 ---	57.00 57.00 --- 100.00 ---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
GkE: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- red maple----- white oak----- yellow-poplar-----	80 --- --- 95	57.00 --- --- 100.00	---
Dekalb-----	4F	Slight	Moderate	Moderate	Moderate	---	black cherry----- northern red oak---- red maple----- white oak----- yellow-poplar-----	95 76 --- --- 95	57.00 57.00 --- --- 57.00	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
GkF: Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	northern red oak---- red maple----- white oak----- yellow-poplar-----	80 --- --- 95	57.00 --- --- 100.00	---
Dekalb-----	4R	Moderate	Severe	Moderate	Moderate	---	black cherry----- northern red oak---- red maple----- white oak----- yellow-poplar-----	95 76 --- --- 93	57.00 57.00 --- --- 100.00	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
GuC: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	black oak----- northern red oak---- white oak----- yellow-poplar-----	--- 80 --- 95	--- 57.00 --- 100.00	---
Upshur-----	3C	Severe	Severe	Slight	Slight	Severe	black oak----- northern red oak---- white oak----- yellow-poplar-----	--- 65 --- 80	--- 43.00 --- 72.00	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
GuD: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black oak----- northern red oak---- red maple----- white oak----- yellow-poplar-----	--- 80 --- --- 95	--- 57.00 --- --- 100.00	---
Upshur-----	4C	Severe	Severe	Slight	Slight	Severe	northern red oak---- red maple----- yellow-poplar-----	70 90 90	57.00 172.00 86.00	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
GuE: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black oak----- northern red oak---- red maple----- white oak----- yellow-poplar-----	--- 80 --- --- 95	--- 57.00 --- --- 100.00	---

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	
Other soils-----	---	---	---	---	---	---	---	---	cu ft/ac	---
Upshur-----	4C	Severe	Severe	Slight	Slight	Severe	northern red oak----	70	57.00	---
							red maple-----	---	---	
							yellow-poplar-----	90	86.00	
GuF: Gilpin-----	4R	Severe	Severe	Slight	Slight	Moderate	black oak-----	---	---	---
							northern red oak----	80	57.00	
							red maple-----	---	---	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
Other soils-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	4R	Severe	Severe	Slight	Slight	Severe	northern red oak----	70	57.00	---
							red maple-----	---	---	
							yellow-poplar-----	90	86.00	
GwC3: Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	black oak-----	---	---	---
							northern red oak----	80	57.00	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
Upshur-----	3C	Severe	Severe	Slight	Slight	Severe	northern red oak----	65	43.00	---
							red maple-----	---	---	
							yellow-poplar-----	80	72.00	
Other soils-----	---	---	---	---	---	---	---	---	---	---
GwD3: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black oak-----	---	---	---
							northern red oak----	80	57.00	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
Upshur-----	4C	Severe	Severe	Slight	Slight	Severe	northern red oak----	70	57.00	---
							red maple-----	---	---	
							yellow-poplar-----	90	86.00	
Other soils-----	---	---	---	---	---	---	---	---	---	---
-----	---	---	---	---	---	---	---	---	---	---
GwE3: Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	black oak-----	---	---	---
							northern red oak----	80	57.00	
							white oak-----	---	---	
							yellow-poplar-----	95	100.00	
Other soils-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	4C	Severe	Severe	Slight	Slight	Severe	northern red oak----	70	57.00	---
							red maple-----	---	---	
							yellow-poplar-----	90	86.00	
LyB: Lily-----	4A	Slight	Slight	Slight	Slight	Slight	eastern white pine--	---	---	---
							northern red oak----	70	57.00	
							yellow-poplar-----	89	86.00	
LyC: Lily-----	4A	Slight	Slight	Slight	Slight	Slight	eastern white pine--	---	---	---
							northern red oak----	70	57.00	
							yellow-poplar-----	89	86.00	

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
Wet minesoil-----	---	---	---	---	---	---	---	---	---	---
Ud: Udorthents-----	---	---	---	---	---	---	---	---	---	---
Wet minesoil-----	---	---	---	---	---	---	---	---	---	---
Ue: Udorthents-----	---	---	---	---	---	---	---	---	---	---
Wet minesoil-----	---	---	---	---	---	---	---	---	---	---
Uf: Udorthents-----	---	---	---	---	---	---	---	---	---	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
VaC: Vandalia-----	4C	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- red maple----- white oak----- yellow-poplar-----	73 --- --- 75	57.00 --- --- 57.00	---
Holly-----	---	---	---	---	---	---	---	---	---	---
VaD: Vandalia-----	4C	Severe	Severe	Slight	Slight	Severe	northern red oak---- red maple----- white oak----- yellow-poplar-----	77 --- --- 90	57.00 --- --- 86.00	---
Holly-----	---	---	---	---	---	---	---	---	---	---
W: Water-----	---	---	---	---	---	---	---	---	---	---
WuE: Westmoreland-----	4R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- red maple----- white ash----- yellow-poplar-----	81 --- --- 90	57.00 --- --- 86.00	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	4C	Severe	Severe	Slight	Slight	Severe	northern red oak---- red maple----- white ash----- yellow-poplar-----	70 --- --- 90	57.00 --- --- 86.00	---
WuF: Westmoreland-----	4R	Severe	Severe	Slight	Slight	Severe	northern red oak---- red maple----- yellow-poplar-----	81 --- 90	57.00 --- 86.00	---
Other soils-----	---	---	---	---	---	---	---	---	---	---
Upshur-----	4R	Severe	Severe	Slight	Slight	Severe	northern red oak---- red maple----- yellow-poplar-----	70 --- 90	57.00 --- 86.00	---